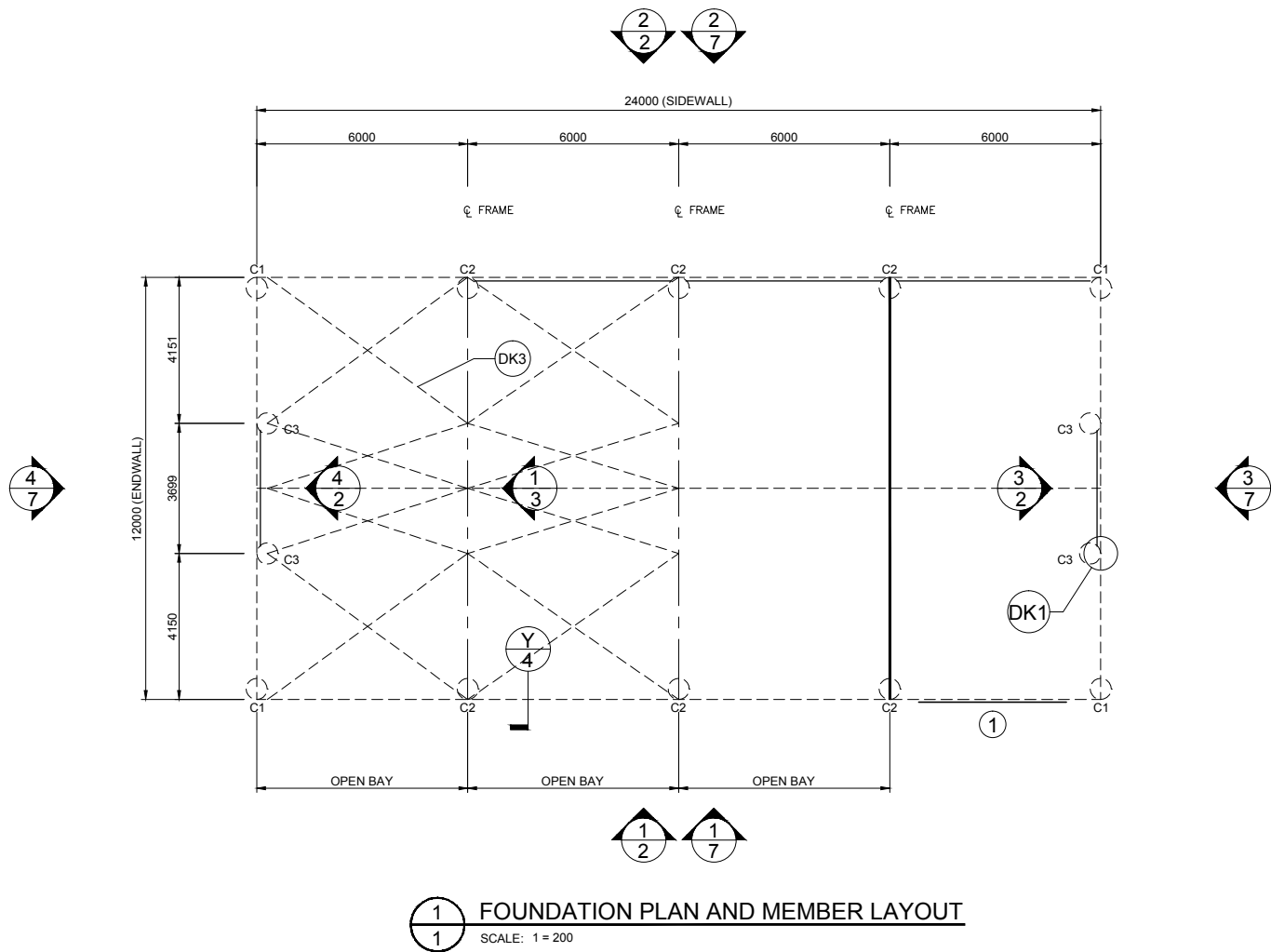


The design and detail shown on these drawings are applicable to this project only and may not be reproduced in whole or any part or be used for any other purpose without the written permission of FBHS (Aust) Pty Limited with whom copyright resides.
The local distributor you are dealing with is an authorised independent distributor of Fair Dinkum Sheds' products and enters into agreements with its customers on its own behalf and not as an agent of Fair Dinkum Sheds.

IF IN DOUBT, ASK.



1 FOUNDATION PLAN AND MEMBER LAYOUT
SCALE: 1 = 200

ROOF STRAP BRACING TO BE CONNECTED TO THE PURLIN CLOSEST TO THE LINE OF THE END WALL MULLION
ROOF STRAP BRACING CAN BE PLACED FROM EITHER END OF THE BUILDING PROVIDING THE STRAP PATTERN REMAINS AS PER PLANS
FOR INTERNAL WALLS USE MULLION SPECIFICATIONS
SEE MULTIBUILD LAYOUT SCREEN FOR INTERNAL OPENING POSITIONS
Roof has been designed for Heavy Solar Panel Loading. Allowing for an Additional Roof Loading of 20.0kg/m^2 .
Builder to Confirm Additional Roof Loading Selected is Acceptable for the Design.

MEMBER LEGEND

C1	C30024
C2	2C30024
C3	C25024

DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS TO BE VERIFIED ON SITE.

1 OF 7

SHEET

JOB NO.
MAST35951

DATE
21/6/2022

CHECKED
TM

DRAWN
FDS

STEEL BUILDING BY
M.A. STEEL PTY. LTD. (LIC 225516C)

FOR
AT

(CONTACT)
02 6382 4387
NICK APPS DA
71 BROWNS LANE
YOUNG

Civil & Structural Engineers
50 Punari Street
Currajong, Qld 4812
Fax: 07 4725 5850
Email: design@nceng.com.au
ABN 341 008 173 56

Registered Chartered Professional Engineer
Registered Professional Engineer (Civil & Structural) QLD
Registered Certifying Engineer (Structural) N.T.
Registered Engineer - (Civil) VIC
Registered Engineer - (Civil) TAS

Regn. No. 2558980
Regn. No. 9985
Regn. No. 116373ES
Regn. No. PE0002216
Regn. No. CC5648M

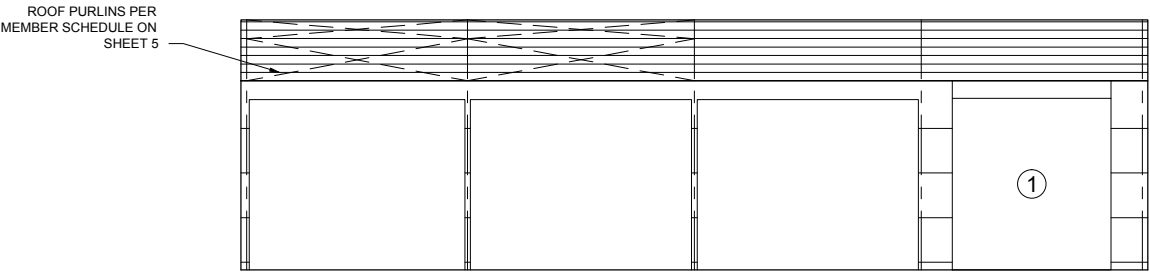
Mr Timothy Roy Messer BE MIEAust RPEQ

Signature

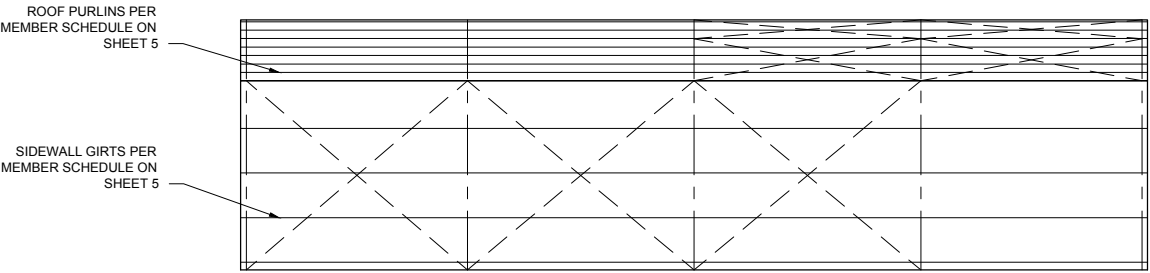
Date 21/6/2022

Registered on the NPER in the areas of practice
of Civil & Structural National Professional
Engineers Register

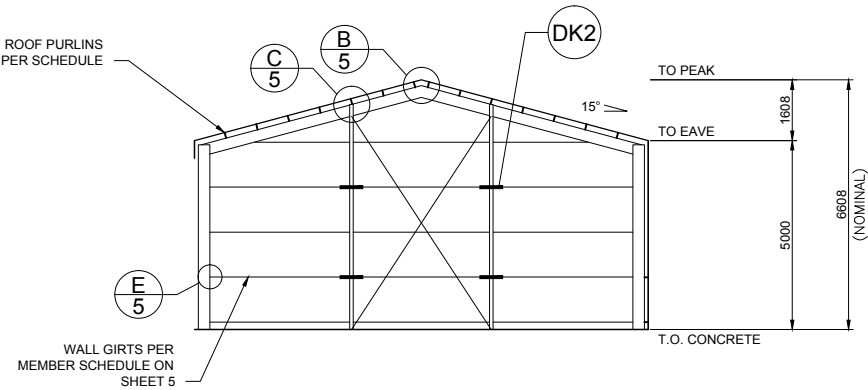
The design and detail shown on these drawings are applicable to this project only and may not be reproduced in whole or any part or be used for any other purpose without the written permission of FBHS (Aust) Pty Limited with whom copyright resides. The local distributor you are dealing with is an authorised independent distributor of Fair Dinkum Sheds' products and enters into agreements with its customers on its own behalf and not as an agent of Fair Dinkum Sheds.



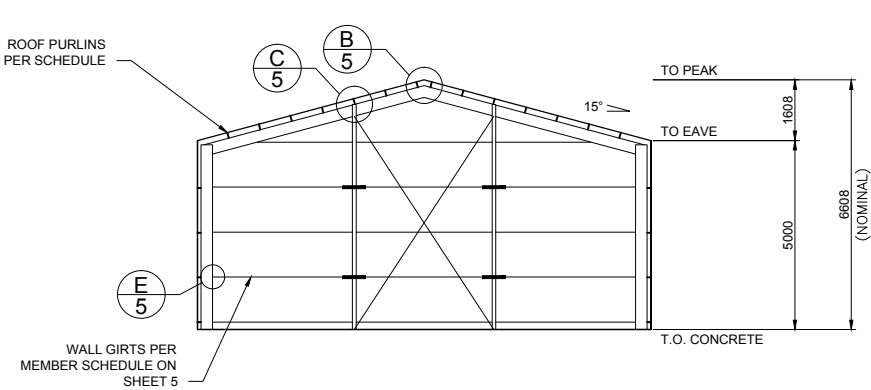
1
2
SIDEWALL EXTERIOR ELEVATION
SCALE: 1 = 200



2
2
SIDEWALL EXTERIOR ELEVATION
SCALE: 1 = 200



4
2
ENDWALL INTERIOR ELEVATION
SCALE: 1 = 200

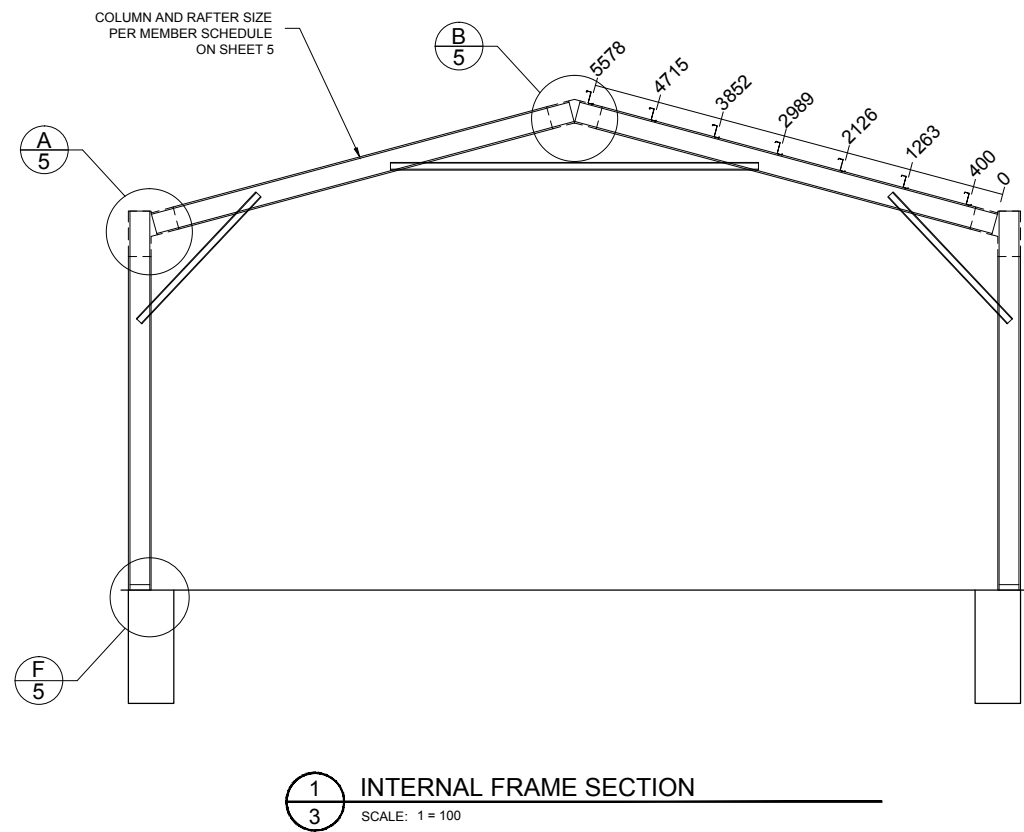


3
2
ENDWALL INTERIOR ELEVATION
SCALE: 1 = 200





X BRACING IS REQUIRED IN 9 BAY(S) (VARIOUS ROOF AND WALL LOCATIONS).
SEE LAYOUT OR PLANS FOR PLACEMENT. FLY BRACING IS INCLUDED TO BE PLACED ON EVERY SECOND PURLIN AND GIRT ON ENDWALL MULLIONS, INTERNAL COLUMNS AND INTERNAL RAFTERS.

2 OF 7	SHEET	JOB NO. MAST35951	DATE 21/6/2022	CHECKED TM	DRAWN FDS	STEEL BUILDING BY M.A. STEEL PTY. LTD. (LIC 225516C) (CONTACT) 02 6382 4387 NICK APPS DA 71 BROWNS LANE YOUNG			 Civil & Structural Engineers 50 Punari Street Currajong, Qld 4812 Fax: 07 4725 5850 Email: design@nceng.com.au ABN 341 008 173 56 Registered Chartered Professional Engineer Registered Professional Engineer (Civil & Structural) QLD Registered Certifying Engineer (Structural) N.T. Registered Engineer - (Civil) VIC Registered Engineer - (Civil) TAS	Regn. No. 2558980 Regn. No. 9985 Regn. No. 116373ES Regn. No. PE0002216 Regn. No. CC5648M	Mr Timothy Roy Messer BE MIEAust RPEQ Signature Date 21/6/2022 Registered on the NPER in the areas of practice of Civil & Structural National Professional Engineers Register
		NCC 2019									

The design and detail shown on these drawings are applicable to this project only and may not be reproduced in whole or any part or be used for any other purpose without the written permission of FBHS (Aust) Pty Limited with whom copyright resides. The local distributor you are dealing with is an authorised independent distributor of Fair Dinkum Sheds' products and enters into agreements with its customers on its own behalf and not as an agent of Fair Dinkum Sheds.



Refer to Sheet #4 for concrete specification.

3 OF 7	SHEET	JOB NO. MAST35951	DATE 21/6/2022	CHECKED TM	DRAWN FDS	STEEL BUILDING BY M.A. STEEL PTY. LTD. (LIC 225516C) (CONTACT) 02 6382 4387 NICK APPS DA 71 BROWNS LANE YOUNG			 <div>Civil & Structural Engineers 50 Punari Street Currajong, Qld 4812 Fax: 07 4725 5850 Email: design@nceng.com.au ABN 341 008 173 56</div>	Mr Timothy Roy Messer BE MIEAust RPEQ
	NCC 2019									Signature 
									Regn. No. 2558980 Regn. No. 9985 Regn. No. 116373ES Regn. No. PE0002216 Regn. No. CC5648M	Date 21/6/2022 Registered on the NPER in the areas of practice of Civil & Structural National Professional Engineers Register

The design and detail shown on these drawings are applicable to this project only and may not be reproduced in whole or any part or be used for any other purpose without the written permission of FBHS (Aust) Pty Limited with whom copyright resides. The local distributor you are dealing with is an authorised independent distributor of Fair Dinkum Sheds' products and enters into agreements with its customers on its own behalf and not as an agent of Fair Dinkum Sheds.

STRUCTURAL GENERAL NOTES

1. **GOVERNING CODE** : NATIONAL CONSTRUCTION CODE (NCC), LOADING TO AS1170 - ALL SECTIONS. BUILDING SUITABLE AS EITHER A PRIVATE GARAGE CLASS 10a, OR A FARM SHED (CLASS 7 OR 8), UNLESS OTHERWISE SPECIFICALLY NOTED. FOR USE AS A FARM SHED, IT MUST MEET THE FOLLOWING REQUIREMENTS:
- BE LESS THAN 2000 SQM IN AREA (INCLUSIVE OF ANY MEZZANINE FLOOR AREA).
- MUST BE LOCATED ON A FARM AND USED IN CONNECTION WITH FARMING PURPOSES.
- BUILDING IS NOT TO BE OCCUPIED FREQUENTLY NOR FOR EXTENDED PERIODS BY PEOPLE, WITH A MAXIMUM OF 1 PERSON PER 200 SQM OR 2 PERSONS MAXIMUM IN TOTAL WHICHEVER IS THE LESSER.
2. **DRAWING OWNERSHIP** : THESE DRAWINGS REMAIN THE PROPERTY OF FBHS (AUST) PTY LIMITED. ENGINEERING SIGNATURE AND CERTIFICATION IS ONLY VALID WHEN BUILDING IS SUPPLIED BY A DISTRIBUTOR OF FBHS. DRAWINGS ARE PROVIDED FOR THE DUAL PURPOSE OF OBTAINING BUILDING PERMITS AND AIDING CONSTRUCTION. ANY OTHER USE OR REPRODUCTION IS PROHIBITED WITHOUT WRITTEN APPROVAL FROM FBHS.
3. **DRAWING SIGNATURE REQUIREMENTS** : THESE DRAWINGS ARE NOT VALID UNLESS SIGNED BY THE ENGINEER. THE ENGINEER ACCEPTS NO LIABILITY OR RESPONSIBILITY FOR DRAWINGS WITHOUT A SIGNATURE. EACH TITLE BLOCK CONTAINS A WATER MARK UNDER THE CUSTOMERS NAME CONTAINING THE DATE OF PRODUCTION OF THE DRAWINGS; THE DRAWINGS ARE TO BE SUBMITTED TO COUNCIL WITHIN 21 DAYS OF THIS DATE. THIS IS TO ENSURE THAT ONLY CURRENT DRAWINGS ARE IN CIRCULATION.
4. **CONTRACTOR RESPONSIBILITIES** : CERTIFIER AND CONTRACTOR TO CONFIRM [ON SITE] THAT THE WIND LOADINGS APPLIED TO THIS DESIGN ARE TRUE AND CORRECT FOR THE ADDRESS STATED IN THE TITLE BLOCK. CONTRACTOR SHALL VERIFY AND CONFIRM ALL EXISTING CONDITIONS AND DIMENSIONS. ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES BETWEEN DRAWINGS AND EXISTING CONDITIONS PRIOR TO START OF WORK. CONTRACTOR MUST NOT MAKE ANY DEVIATION FROM THE PROVIDED PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM ONE THE UNDERSIGNING ENGINEERS. THE ENGINEER / FBHS TAKE NO RESPONSIBILITY FOR CHANGES MADE WITHOUT WRITTEN APPROVAL. CONTRACTOR IS RESPONSIBLE FOR ENSURING NO PART OF THE STRUCTURE BECOMES OVERSTRESSED DURING CONSTRUCTION. BUILDING IS NOT STRUCTURALLY ADEQUATE UNTIL THE INSTALLATION OF ALL COMPONENTS AND DETAILS SHOWN IS COMPLETED IN ACCORDANCE WITH THESE DRAWINGS. THE INDICATED DRAWING SCALES ARE APPROXIMATE. DO NOT SCALE DRAWINGS FOR CONSTRUCTION PURPOSES. FOR FURTHER DIRECTIONS ON CONSTRUCTION THE CONTRACTOR SHOULD CONSULT THE APPROPRIATE INSTRUCTION MANUAL.
5. **ENGINEERING** : THE ENGINEER / FBHS ARE NOT ACTING AS PROJECT MANAGERS FOR THIS DEVELOPMENT, AND WILL NOT BE PRESENT DURING CONSTRUCTION. THE UNDERSIGNING ENGINEERS HAVE REVIEWED THIS BUILDING FOR CONFORMITY ONLY TO THE STRUCTURAL DESIGN PORTIONS OF THE GOVERNING CODE. THE PROJECT MANAGER IS RESPONSIBLE FOR ADDRESSING ANY OTHER CODE REQUIREMENTS APPLICABLE TO THIS DEVELOPMENT. THESE DOCUMENTS ARE STAMPED ONLY AS TO THE COMPONENTS SUPPLIED BY FBHS. IT IS THE RESPONSIBILITY OF THE PURCHASER TO COORDINATE DRAWINGS PROVIDED BY FBHS WITH OTHER PLANS AND/OR OTHER COMPONENTS THAT ARE PART OF THE OVERALL PROJECT. IN CASES OF DISCREPANCIES, THE LATEST DRAWINGS PROVIDED BY FBHS SHALL GOVERN. NO ALTERATIONS TO THIS STRUCTURE (INCLUDING REMOVAL OF CLADDING) ARE TO BE UNDERTAKEN WITHOUT THE CONSENT OF THE CERTIFYING ENGINEER. OPENINGS SUCH AS WINDOWS AND DOORS NEED TO BE INSTALLED AS PER THE PRODUCT MANUFACTURER'S INFORMATION/DETAILS.
6. **INSPECTIONS** : NO SPECIAL INSPECTIONS ARE REQUIRED BY THE GOVERNING CODE ON THIS JOB. ANY OTHER INSPECTIONS REQUESTED BY THE LOCAL BUILDING DEPARTMENT SHALL BE CONDUCTED AT THE OWNER'S EXPENSE.
7. **SOIL REQUIREMENTS** : SITE CLASSIFICATION TO BE A, S OR M ONLY. SOIL SAFE BEARING CAPACITY VALUE INDICATED ON DRAWING SHEET 4 OCCURS AT 100mm BELOW FINISH GRADE, EXISTING NATURAL GRADE, OR AT FROST DEPTH SPECIFIED BY LOCAL BUILDING DEPARTMENT, WHICHEVER IS THE LOWEST ELEVATION. REGARDLESS OF DETAIL V ON SHEET 4 THE MINIMUM FOUNDATION DEPTH SHOULD BE 100MM INTO NATURAL GROUND OR BELOW FROST DEPTH SPECIFIED BY LOCAL COUNCIL. ROLLED OR COMPACTED FILL MAY BE USED UNDER SLAB, COMPACTED IN 150mm LAYERS TO A MAXIMUM DEPTH OF 900mm. CONCRETE FOUNDATION EMBEDMENT DEPTHS DO NOT APPLY TO LOCATIONS WHERE ANY UNCOMPACTED FILL OR DISTURBED GROUND EXISTS OR WHERE WALLS OF THE EXCAVATION WILL NOT STAND WITHOUT SUPPLEMENTAL SUPPORT, IN THIS CASE SEEK FURTHER ENGINEERING ADVICE.
8. **CLASS 10a or Class 7 FOOTING DESIGNS**: THE FOUNDATION DOCUMENTED IS ALSO APPROPRIATE FOR CLASS 10a or CLASS 7 BUILDING DESIGNS ON 'M-D', 'H', 'H-D' OR 'E' CLASS SOILS, IF TOTAL SLAB AREA IS UNDER 100m SQUARE AND THE MAXIMUM SLAB DIMENSION (LENGTH AND WIDTH) IS LESS THAN OR EQUAL TO 12m. PLEASE BE AWARE THAT THE SLAB DESIGN FOR H & E CLASS SOILS IN THESE INSTANCES ARE DESIGNED TO EXPERIENCE SOME CRACKING. THIS CRACKING IS NOT CONSIDERED A STRUCTURAL FLAW OR DESIGN ISSUE, AND IS SIMPLY COSMETIC IN NATURE. IF THIS IS A CONCERN TO THE CLIENT IT IS ADVISED THEY DISCUSS OTHER OPTIONS WITH THE RELEVANT DISTRIBUTOR PRIOR TO THE POURING OF THE SLAB.
9. **CONCRETE REQUIREMENTS** : ALL CONCRETE DETAILS AND PLACEMENT SHALL BE PERFORMED IN ACCORDANCE WITH AS2870 AND AS3600. CONCRETE SHALL HAVE A MIN. 28-DAY STRENGTH OF 20MPa FOR EXPOSURE A1 & B1, 25MPa FOR EXPOSURE A2 & B2 AND 32MPa FOR EXPOSURE C, IN ACCORDANCE WITH SECTION 4, AS3600. CEMENT TO BE TYPE A. MAX AGGREGATE SIZE OF 20mm. SLUMP TO BE 80mm +/-15mm. SLABS TO BE CURED FOR 7 DAYS BY WATERING OR COVERING WITH A PLASTIC MEMBRANE, AFTER WHICH CONSTRUCTION CAN BEGIN, DUE CARE GIVEN NOT TO OVER-TIGHTEN HOLD DOWN BOLTS. GIVEN ALLOWABLE SOIL TYPES 1 LAYER OF SL72 REINFORCING MESH IS TO BE INSTALLED ON STANDARD SLABS WITH A MINIMUM 30MM COVER FROM CONCRETE SURFACE. CONCRETE REINFORCING TO CONFORM TO AS 1302, AS1303 & AS 1304. ALL REINFORCING COVER TO BE A MINIMUM OF 30mm.
10. **STRUCTURAL STEEL REQUIREMENTS** : ALL STRUCTURAL STEEL, INCLUDING SHEETING THOUGH EXCLUDING CONCRETE REINFORCING, SHALL CONFORM TO AS 1397 (GAUGE <= 1mm fy = 550MPa, GAUGE > 1mm < 1.5mm fy = 500MPa, GAUGE >= 1.5mm fy = 450MPa). NO WELDING IS TO BE PERFORMED ON THIS BUILDING. ALL STRUCTURAL MEMBERS AND CONNECTIONS DESIGNED TO AS4600. ALL BOLT HOLE DIAMETERS TO STRAMIT GENERAL FINISHES.
11. **FOOT TRAFFIC** : FOR ERECTION AND MAINTENANCE PLEASE NOTE THE FOLLOWING DEFINED FOOT TRAFFIC ZONES:
- CORRUGATED: WALK ONLY WITHIN 200MM OF SCREW LINES. FEET SPREAD OVER AT LEAST TWO RIBS.
- MONOCLAD: WALK ONLY IN PANS, OR ON RIBS AT SCREW LINES.

PROJECT DESIGN CRITERIA

ROOF LIVE LOAD: 0.25 kPa
BASIC WIND SPEED: VR 45 m/s
SITE WIND SPEED: V_{sitB} 41.4 m/s
WIND REGION: Reg A
TOPOGRAPHY FACTOR, Mt: 1
SHIELDING FACTOR, Ms: 1
MAX GROUND SNOW LOAD: N/A
MAX ROOF SNOW LOAD: N/A
SITE ALTITUDE: N/A
TERRAIN CATEGORY: TCat 2.01
SOIL SAFE BEARING CAPACITY: 100 kPa
RETURN PERIOD: 1:500
LIMITING CPI 1: -0.65
LIMITING CPI 2: 0.7
IMPORTANCE LEVEL: 2

DETAIL KEYS

- DK1
- ENDWALL VERTICAL MULLION (SEE DETAIL C/5 FOR TOP CONN. AND F/5 FOR BASE CONN.)
- DK2
- FLYBRACING PER DETAIL L/5
- DK3
- X-BRACING IN ROOF ABOVE (SEE DETAIL M/5)
- DK4
- DOUBLE X-BRACING IN ROOF ABOVE (SEE DETAIL M/5)

SCHEDULE OF OPENINGS

DOOR	OPENING WIDTH	SIZE MAX HEIGHT	OPENING TYPE	HEADER GIRT	OPENING JAMBS	WIND RATED
1	4200	4540*	4.60H X 4.30 CB PLANETARY GEAR *SERIES B	SINGLE	Z30024P	NO
2	820	2040	INTERNAL PA DOOR NO SILL RHH	SINGLE		YES

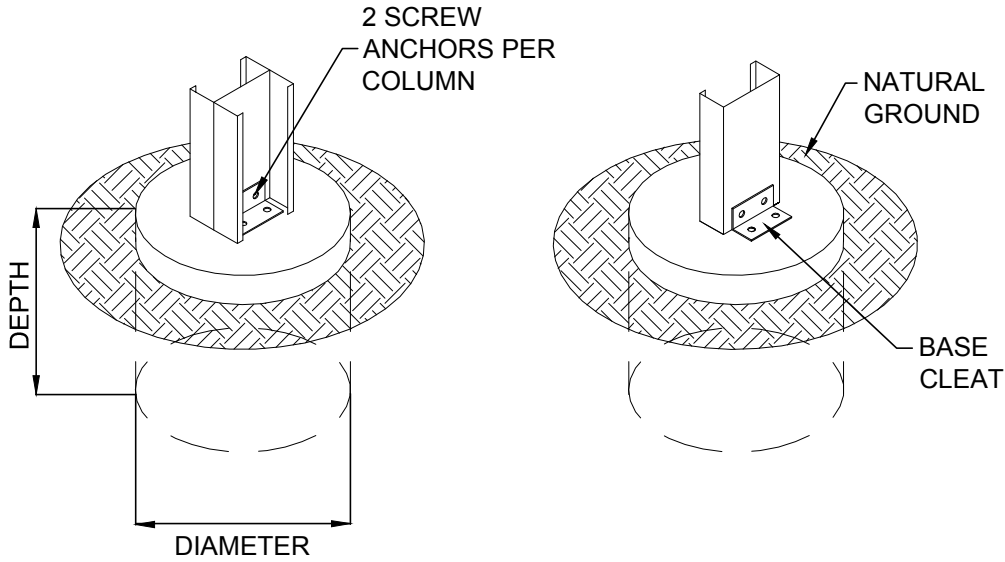
NOTES: 1) SEE SHEET 5 FOR DOOR OPENING FRAMING INFORMATION.
2) ALL DOOR SCHEDULE MEASUREMENTS ARE ACTUAL DOOR/WINDOW SIZE NOT OPENING SIZE.

* ROLLER DOOR OPENING HEIGHT DEPENDENT ON FINAL BUILD LOCATION.

DEEP FOOTINGS:

All Footings Deeper than 1200mm to Be Reinforced as Follows:

- Diameter or Width <= 450mm, Use Min. 4 x N12 Vertical Bars, R6 Helix / Rings @ 300mm Spacings
- Diameter or Width > 450mm, Use Min. 6 x N12 Vertical Bars, R6 Helix / Rings @ 200mm Spacings



600 x 1500

Diameter x Depth (mm)

BACK TO BACK
COLUMNS

SINGLE COLUMN

Y

BORED FOOTING DETAIL

DWG NO.

BOMA

4
OF
7

SHEET

JOB NO.
MAST35951

NCC
2019

DATE
21/6/2022

CHECKED
TM

DRAWN
FDS

STEEL BUILDING BY

(CONTACT)

M.A. STEEL PTY. LTD. (LIC 225516C)

02 6382 4387

NICK APPS DA

71 BROWNS LANE
YOUNG

FOR

AT



Civil & Structural Engineers
50 Punari Street
Currajong, Qld 4812
Fax: 07 4725 5850
Email: design@nceng.com.au
ABN 341 008 173 56

Registered Chartered Professional Engineer
Registered Professional Engineer (Civil & Structural) QLD
Registered Certifying Engineer (Structural) N.T.
Registered Engineer - (Civil) VIC
Registered Engineer - (Civil) TAS

Regn. No. 2558980
Regn. No. 9985
Regn. No. 116373ES
Regn. No. PE0002216
Regn. No. CC5648M

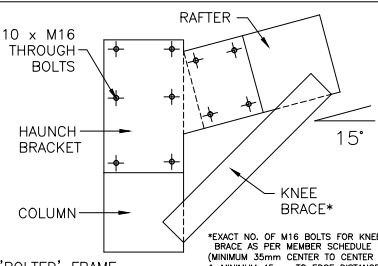
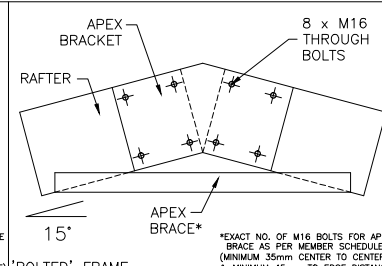
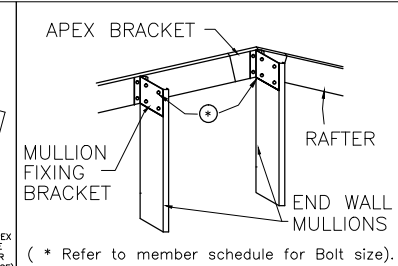
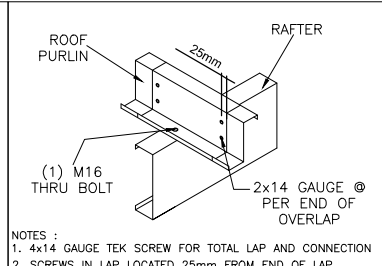
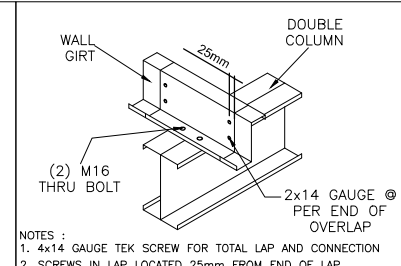
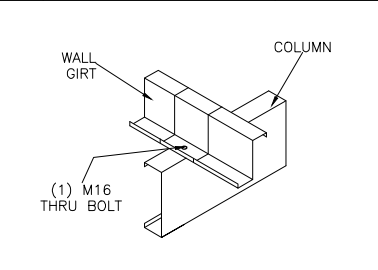
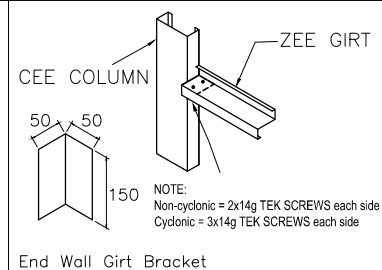
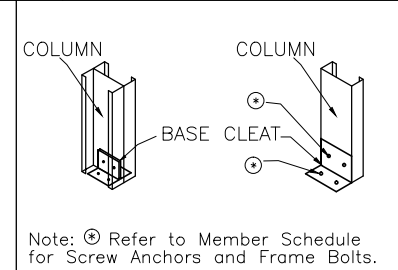
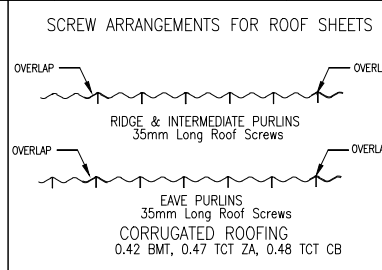
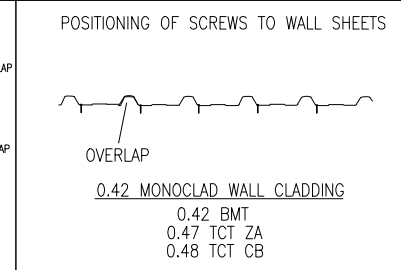
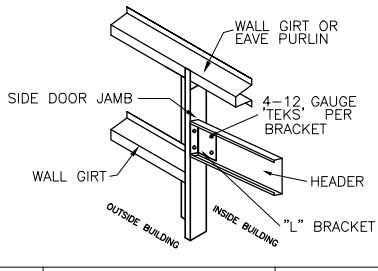
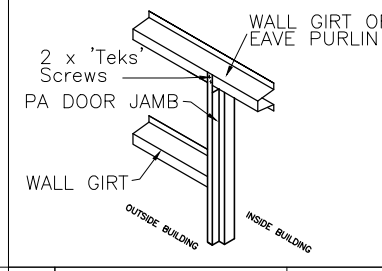
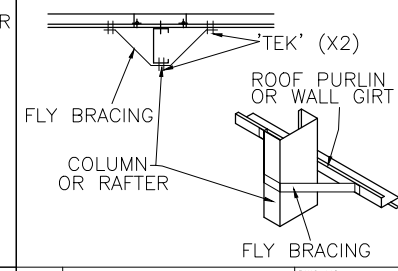
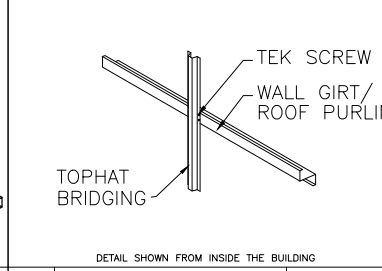
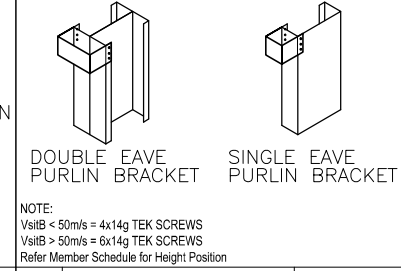
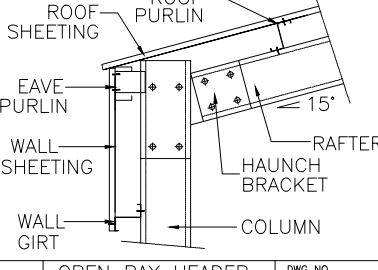
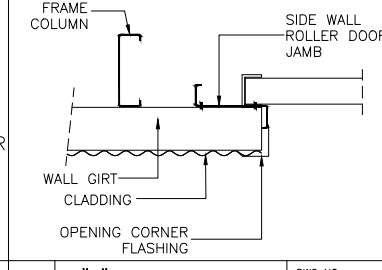
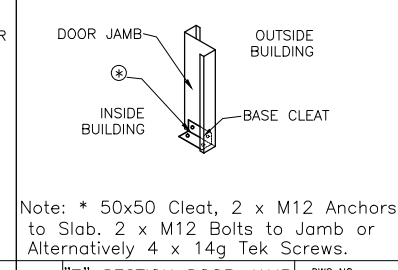
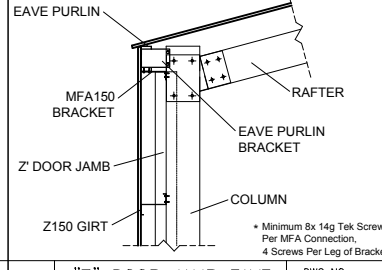
Mr Timothy Roy Messer BE MIEAust RPEQ

Signature *T. Messer*

Date 21/6/2022

Registered on the NPER in the areas of practice
of Civil & Structural National Professional
Engineers Register

The design and detail shown on these drawings are applicable to this project only and may not be reproduced in whole or any part or be used for any other purpose without the written permission of FBHS (Aust) Pty Limited with whom copyright resides. The local distributor you are dealing with is an authorised independent distributor of Fair Dinkum Sheds' products and enters into agreements with its customers on its own behalf and not as an agent of Fair Dinkum Sheds.

 *BOLTED* FRAME *EXACT NO. OF M16 BOLTS FOR KNEE BRACE AS PER MEMBER SCHEDULE (MINIMUM 35mm CENTER TO CENTER & MINIMUM 45mm TO EDGE DISTANCE)*			 *BOLTED* FRAME *EXACT NO. OF M16 BOLTS FOR APEX BRACE AS PER MEMBER SCHEDULE (MINIMUM 35mm CENTER TO CENTER & MINIMUM 45mm TO EDGE DISTANCE)*			 (* Refer to member schedule for Bolt size).			 NOTES : 1. 4x14 GAUGE TEK SCREW FOR TOTAL LAP AND CONNECTION 2. SCREWS IN LAP LOCATED 25mm FROM END OF LAP			 NOTES : 1. 4x14 GAUGE TEK SCREW FOR TOTAL LAP AND CONNECTION 2. SCREWS IN LAP LOCATED 25mm FROM END OF LAP		
A	HAUNCH CONNECTION	K52BB	B	APEX CONNECTION	AP52BB	C	MULLION FIXING ANGLE BRACKET	DWG NO MFA13	Dp	PURLIN CONNECTION DETAIL	DWG NO PPCON9L	Dg	GIRT CONNECTION DETAIL	DWG NO PGCON9LD
 END WALL GIRT CONNECTION DETAIL			 End Wall Girt Bracket			 Note: ☉ Refer to Member Schedule for Screw Anchors and Frame Bolts.			 SCREW ARRANGEMENTS FOR ROOF SHEETS			 POSITIONING OF SCREWS TO WALL SHEETS		
Eg	ENDWALL GIRT CONNECTION DETAIL	DWG NO PEGCON9N	E	END WALL GIRT CONNECTION	DWG NO EG9	F	BASE CONNECTION	DWG NO BC31	G	ROOF SHEETING PROFILE	DWG NO RONC5	H	WALL SHEET PROFILE	DWG NO W1NC4
 SIDE DOOR SUPPORT CONNECTION			 PERSONAL ACCESS DOOR			 FLYBRACING			 DETAIL SHOWN FROM INSIDE THE BUILDING			 DOUBLE EAVE PURLIN BRACKET SINGLE EAVE PURLIN BRACKET		
I	SIDE DOOR SUPPORT CONNECTION	DWG NO DFRS	K	PERSONAL ACCESS DOOR	DWG NO PADD1	L	FLYBRACING	DWG NO FBRZ	N	BRIDGING DETAIL	DWG NO PGBZ	O	EAVE PURLIN BRACKET	DWG NO EPB-PH
 OPEN BAY HEADER SHEET DETAIL			 "Z" SIDEWALL ROLLER DOOR JAMB			 Note: * 50x50 Cleat, 2 x M12 Anchors to Slab. 2 x M12 Bolts to Jamb or Alternatively 4 x 14g Tek Screws.			 * Minimum 8x 14g Tek Screws Per MFA Connection, 4 Screws Per Leg of Bracket					
U	OPEN BAY HEADER SHEET DETAIL	DWG NO OBH29	U	"Z" SIDEWALL ROLLER DOOR JAMB	DWG NO ZSRDJ	X	"Z" SECTION DOOR JAMB BASE CONNECTION	DWG NO ZRDJBC	X	"Z" DOOR JAMB EAVE PURLIN CONNECTION	DWG NO ZDJEP150150			

MEMBER AND MATERIAL SCHEDULE

1	END WALL RAFTER	Single C30030
2	C.S. FRAME RAFTER	Single C30030
3	END FRAME COLUMN (C1)	Single C30024
4	END FRAME OPEN BAY COLUMN (C1)	Single C30024
5	C.S. FRAME COLUMN (C2)	Double C30024
6	C.S. FRAME OPEN BAY COLUMN (C2)	Double C30024
7	MULLION (C3)	Single C25024
8	C.S. FRAME KNEE BRACE	Single C20019 @ 2.46 LONG 5 bolts each end
9	KNEE BRACE HEIGHT UP COLUMN	3.52m
10	KNEE BRACE LENGTH UP RAFTER	1.54m
11	C.S. FRAME APEX BRACE	Single C20019 @ 4.87 LONG 2 bolts each end
12	APEX POSITION FROM RAFTER END	2.48m
13	ANCHOR BOLTS (# PER DETS.)	Screw Anchor 16mm x 100 Galv
14	EAVE PURLIN	C15019 (Eave Purlin Bracket 25mm down from top of column)
15	TYP. ROOF PURLIN SIZE	Z15015 (1 rows of bridging)
16	MAIN BLDG. PURLIN SPACING	0.863 m. (7 rows) (Max Allow. 0.981m)
17	MAIN BLDG. PURLIN LENGTH	6.6 m. (0.6m Overlap)
18	ROOF PURLIN BRIDGING	Tophat 64 x 0.75
19	TYP. SIDEWALL GIRT SIZE	Z15015 (1 rows of bridging)
20	MAIN BLDG. SIDEWALL GIRT SPACING	1.180 m. (4 rows) (Max Allow. 1.261m)
21	MAIN BLDG. SIDEWALL GIRT LENGTH	6.6 m. (0.6m Overlap)
22	SIDEWALL GIRT BRIDGING	Tophat 64 x 0.75
23	TYP. ENDWALL GIRT SIZE	Z15015
24	MAIN BLDG. ENDWALL GIRT SPACING	1.190 m. (5 rows) (Max Allow. 1.500m)
25	BAY DIVIDER GIRT SPACING	1.190 m. (5 rows) (Max Allow. 1.500m)
26	MAIN BLDG. ENDWALL GIRT LENGTH	4 m. (0.3m Overlap)
27	FRAME SCREW FASTENERS	14-13x22 Hex C/S (SP HD 5/16" Hex Drive)
28	FRAME BOLT FASTENERS	8.8 Hex BN M16x45 Z/P
29	PURLIN/GIRT FASTENERS	Purlin Assy M16x30 Z/P
30	X-BRACING STRAP AND FASTENERS	38 x 1.6mm Strap with 5 x 14g Tek Screws Each End
31	WALL COLOUR	WINDSPRAY
32	ROOF COLOUR	ZINCALUME
33	ROLLER DOOR COLOUR	WINDSPRAY
34	P.A. DOOR COLOUR	WINDSPRAY
35	DOWNPIPE COLOUR	WINDSPRAY
36	GUTTER COLOUR	MONUMENT
37	CORNER FLASHING COLOUR	WINDSPRAY
38	BARGE FLASHING COLOUR	MONUMENT
39	OPENING FLASHING COLOUR	MONUMENT
40	OPEN BAY HEADER HEIGHT	0.5

"C.S." = CLEARSPAN "L." = LEFT "R." = RIGHT

5
OF
7

SHEET

JOB NO.
MAST35951

DATE
21/6/2022

CHECKED
TM

DRAWN
FDS

STEEL BUILDING BY
M.A. STEEL PTY. LTD. (LIC 225516C)
FOR
AT

(CONTACT)
02 6382 4387
NICK APPS DA
71 BROWNS LANE
YOUNG

Civil & Structural Engineers
50 Punari Street
Currajong, Qld 4812
Fax: 07 4725 5850
Email: design@nceng.com.au
ABN 341 008 173 56

Registered Chartered Professional Engineer
Registered Professional Engineer (Civil & Structural) QLD
Registered Certifying Engineer (Structural) N.T.
Registered Engineer - (Civil) VIC
Registered Engineer - (Civil) TAS

Regn. No. 2558980
Regn. No. 9985
Regn. No. 116373ES
Regn. No. PE0002216
Regn. No. CC5648M

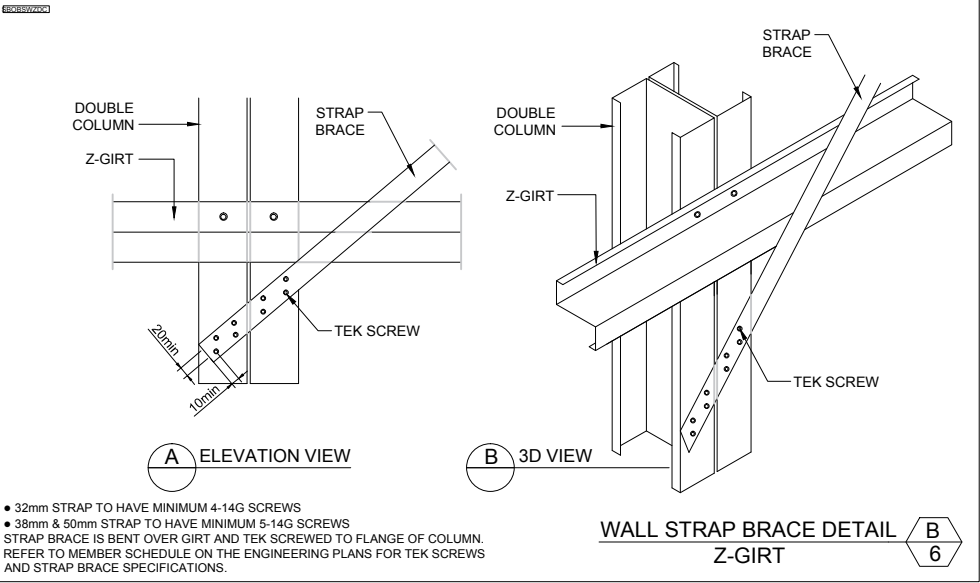
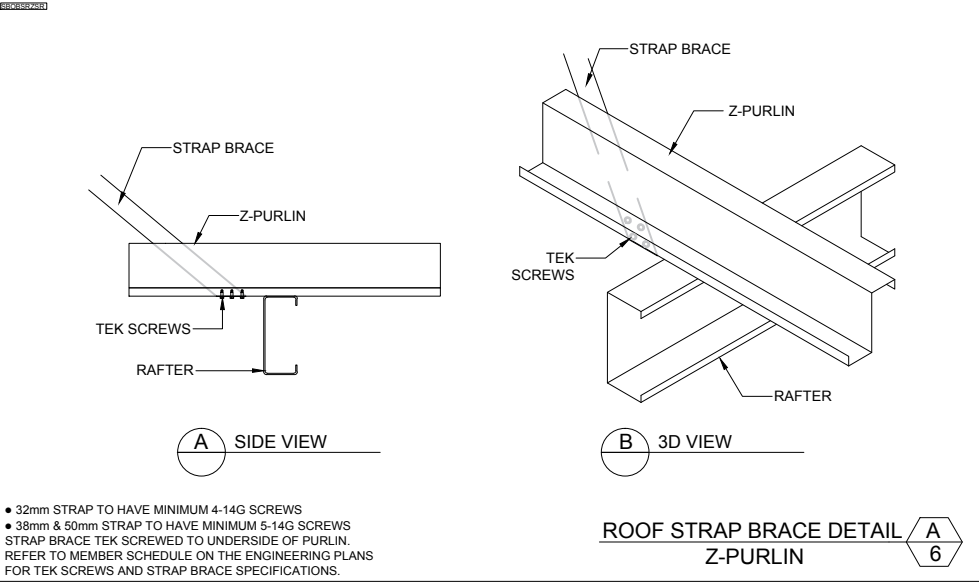
Mr Timothy Roy Messer BE MIEAust RPEQ

Signature

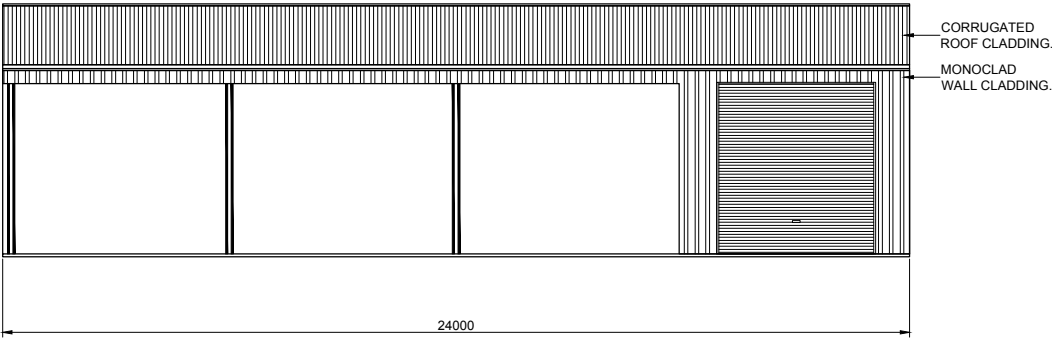
Date 21/6/2022

Registered on the NPER in the areas of practice
of Civil & Structural National Professional
Engineers Register

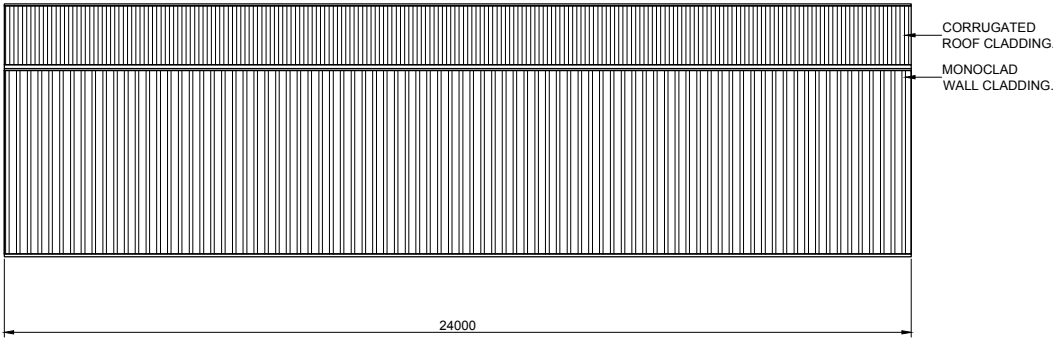
The design and detail shown on these drawings are applicable to this project only and may not be reproduced in whole or any part or be used for any other purpose without the written permission of FBHS (Aust) Pty Limited with whom copyright resides. The local distributor you are dealing with is an authorised independent distributor of Fair Dinkum Sheds' products and enters into agreements with its customers on its own behalf and not as an agent of Fair Dinkum Sheds.



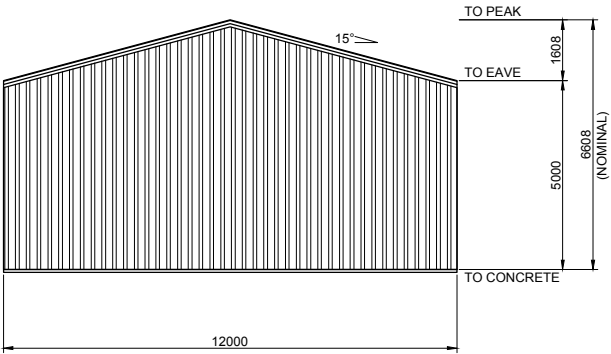
The design and detail shown on these drawings are applicable to this project only and may not be reproduced in whole or any part or be used for any other purpose without the written permission of FBHS (Aust) Pty Limited with whom copyright resides. The local distributor you are dealing with is an authorised independent distributor of Fair Dinkum Sheds' products and enters into agreements with its customers on its own behalf and not as an agent of Fair Dinkum Sheds.



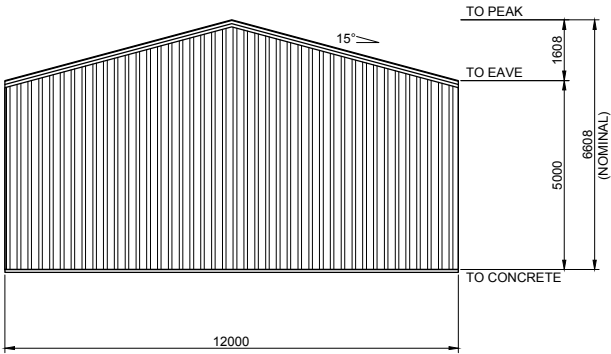
1
7 SIDEWALL EXTERIOR ELEVATION
SCALE: 1 = 200



2
7 SIDEWALL EXTERIOR ELEVATION
SCALE: 1 = 200



4
7 ENDWALL EXTERIOR ELEVATION
SCALE: 1 = 200



3
7 ENDWALL EXTERIOR ELEVATION
SCALE: 1 = 200

BUILDING COLOURS	
WALL	WINDSPRAY
ROOF	ZINCALUME
ROLLER DOOR	WINDSPRAY
P.A. DOOR	WINDSPRAY
DOWNPIPE	WINDSPRAY
GUTTER	MONUMENT
CORNER FLASHING	WINDSPRAY
BARGE FLASHING	MONUMENT
OPENING FLASHING	MONUMENT

7
OF
7

SHEET

JOB NO.
MAST35951

NCC
2019

DATE
21/6/2022

CHECKED
TM

DRAWN
FDS

STEEL BUILDING BY
M.A. STEEL PTY. LTD. (LIC 225516C)

(CONTACT)
02 6382 4387
NICK APPS DA
71 BROWNS LANE
YOUNG

FOR

AT

SHED
SAFE

ACCREDITED

Civil & Structural Engineers
50 Punari Street
Currajong, Qld 4812
Fax: 07 4725 5850
Email: design@nceng.com.au
ABN 341 008 173 56

Registered Chartered Professional Engineer
Registered Professional Engineer (Civil & Structural) QLD
Registered Certifying Engineer (Structural) N.T.
Registered Engineer - (Civil) VIC
Registered Engineer - (Civil) TAS

Regn. No. 2558980
Regn. No. 9985
Regn. No. 116373ES
Regn. No. PE0002216
Regn. No. CC5648M

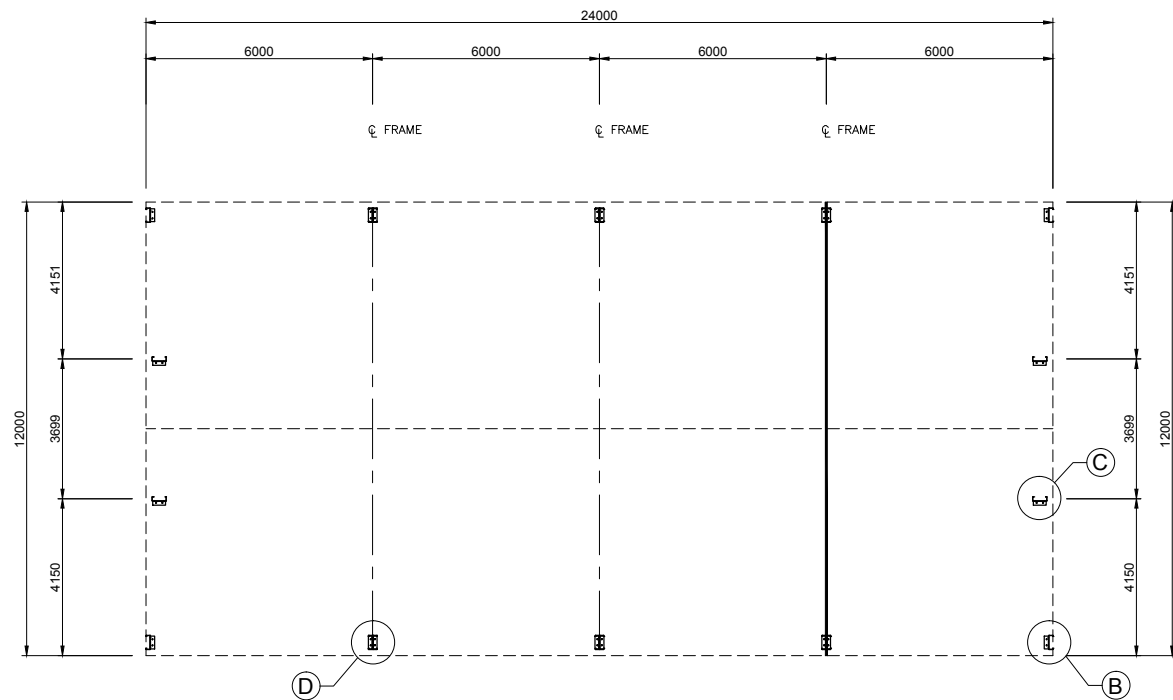
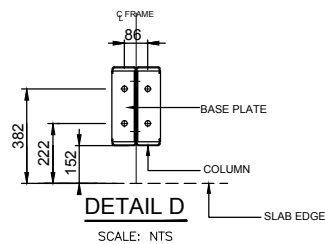
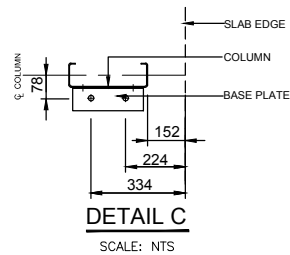
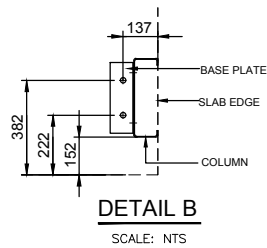
Mr Timothy Roy Messer BE MIEAust RPEQ

Signature

Date 21/6/2022

Registered on the NPER in the areas of practice
of Civil & Structural National Professional
Engineers Register

The design and detail shown on these drawings are applicable to this project only and may not be reproduced in whole or any part or be used for any other purpose without the written permission of FBHS (Aust) Pty Limited (FBHS) with whom copyright resides. The local distributor or franchisee you are dealing with is an authorised independent distributor or franchisee of FBHS' products and they enter into agreements with their customers on their own behalf and not as an agent for FBHS.



1 BOLT LAYOUT PLAN
1 SCALE: 1 = 200

NOT PART OF COUNCIL APPLICATION DOCUMENTATION

IF YOU HAVE A ROLLER DOOR IN THE GABLE END OF YOUR SHED, CONTACT YOUR DISTRIBUTOR TO SEE IF MULLION NEEDS TO BE ROTATED FOR USE AS A DOOR JAMB.

JOB NO. MAST35951	DATE 21/6/2022	CHECKED TM	DRAWN FDS	STEEL BUILDING BY	
				M.A. STEEL PTY. LTD. (LIC 225516C)	
FOR				02 6382 4387	
AT				NICK APPS DA	
				71 BROWNS LANE	
				YOUNG	
					
					
<h1>BOLT LAYOUT PLAN</h1>					